# RAJU BASAK

## Software Engineer

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## Summary

I'm software Engineer with a proficiency in backend development using .NET technologies. Adept at designing and implementing scalable, high-performance solutions, with a proven track record of delivering robust and efficient software applications. Experienced in working collaboratively in agile environments to solve complex problems, enhance system functionality, and ensure seamless integration. Passionate about leveraging cutting-edge tools and methodologies to drive technological innovation and improve user experiences.

## Skills

C# · .NET Core · MVC · EF Core · Angular · JavaScript · Jquery · Apache Solr · Sql Server · Redis · Microservice' · Problem solving · Amazon SES · SNS · Specflow

## Experience

**Affixious Consulting Pvt. Ltd**                                           Noida
Software Engineer                                              03/2023 - Present

Affixious is a Travel Technology company that caters to Travel Industry with a sole aim to provide cost-effective travel technology services

- Developed a product extranet platform that enables hoteliers and property owners to list hotels and apartments for online booking. This platform facilitates easy property management and enhances online visibility for listings.
- Worked on API optimization by identifying areas for improvement and optimizing both B2B and B2C APIs, resulting in hotel search responses averaging 3 seconds—58% faster than previous performance.
- Integrated third-party hotel supplier APIs, streamlining data flow and enhancing system functionality. This integration improved the accuracy and efficiency of hotel pricing.

## Languages

English  Advanced  ●●●○○          Hindi  Proficient  ●●●●○          Bengali  Native  ●●●●●

## Education

**Loverly Professional University**                          Phagwara, Punjab
Master of Computer Applications                           08/2021 - 08/2023

**Kotibarsha Institute of Technology and Management**      Buniadpur, West Bengal
Bachelor of Computer Applications                         08/2019 - 08/2021

## Projects

**Extranet**                                               06/2023 - Present

Build whole Extranet hotel management system

- Created modules for Pricing, Rates, Calendar, Promotions, and other functionalities within the Extranet system.
- Created Booking module to handle incoming booking request and generate PNR's and also added repricing and reverification API's.
- Added features to upload dynamic price based on stay duration, booking period and time of booking.
- Integrated Google Places API to fetch live locations of properties and nearby areas that customers want to save.

**Hotel Centralized API**                                  04/2023 - Present

The Hotel Centralized API is the main search and booking engine that handles all incoming requests from B2C, Affiliate, TripInDeal, Regency, and other B2B sources.

- Managed their existing Centralized API and extend it more with third party API providers and request processing capability.
- Integrated 9 APIs, including Booking.com, Amadeus, and Priceline. Gained hands-on experience with both SOAP and REST APIs.
- Implemented unit testing using SpecFlow and XUnit with Moq, ensuring the performance, robustness, and integrity of the developed APIs.